

DATE: 04-27-2010

County	Transylvania
County #	87
Bridge#	194
Project#	B-5235 / DO00052
Engineer's Estimate:	\$740,000

ROUTE : SR-1504

Purchase Order Contract Bridge Replacement

DESCRIPTION: Cored Slab with one span, 1 @ 52'-3" on a 90 degree skew angle and 38'-10" clear rdwy. width.

Line Item #	Item Number	Section	Item Description	Amount	Payment Type	Unit Price Bid	Saddlebrook Constr. CO.	Unit Price Bid	Taylor & Murphy Constr. CO.	Unit Price Bid	Triangle Grading & Paving, Inc.
1	0000100000-N	800	Mobilization	1	L.S.	\$ 35,677.60	\$ 35,677.60	\$ 40,000.00	\$ 40,000.00	\$ 45,000.00	\$ 45,000.00
2	0008000000-E		Supp. Clearing & Grubbing	1	Ac.	\$ 1,815.18	\$ 1,815.18	\$ 1.00	\$ 1.00	\$ 1,500.00	\$ 1,500.00
3	0022000000-E		Unclassified Excavation	2820	Cu.Yds.	\$ 23.16	\$ 65,311.20	\$ 8.00	\$ 22,560.00	\$ 14.00	\$ 39,480.00
4	0030000000-N	SP	Bridge Approach Fill -Sub Regional	1	L.S.	\$ 4,486.64	\$ 4,486.64	\$ 14,000.00	\$ 14,000.00	\$ 12,000.00	\$ 12,000.00
5	0036000000-E		Tiers, Sta. 12+80 +/-								
5	0036000000-E		Undercut Excavation	100	Cu.Yds.	\$ 13.31	\$ 1,331.00	\$ 2.00	\$ 200.00	\$ 22.00	\$ 2,200.00
6	0043000000-N	1	Grading	1	L.S.	\$ 41,526.88	\$ 41,526.88	\$ 30,000.00	\$ 30,000.00	\$ 20,000.00	\$ 20,000.00
7	0141000000-E		Berm Ditch Construction	140	Lin. Ft.	\$ 18.15	\$ 2,541.00	\$ 10.00	\$ 1,400.00	\$ 12.00	\$ 1,680.00
8	0195000000-E		Select Granular Mat'l	100	Cu.Yds.	\$ 49.61	\$ 4,961.00	\$ 10.00	\$ 1,000.00	\$ 28.00	\$ 2,800.00
9	0196000000-E		Soil Stabilization Fabric	100	Sq. Yds.	\$ 2.42	\$ 242.00	\$ 4.00	\$ 400.00	\$ 4.00	\$ 400.00
10	0318000000-E	300	Foundation Conditioning Mat'l,	40	Tons	\$ 32.37	\$ 1,294.80	\$ 30.00	\$ 1,200.00	\$ 45.00	\$ 1,800.00
11	0320000000-E		Minor Structures								
11	0320000000-E		Foundation Conditioning Fabric	120	Sq. Yds.	\$ 3.63	\$ 435.60	\$ 4.00	\$ 480.00	\$ 7.00	\$ 840.00
12	0366000000-E	310	15" RC Pipe Culvert,Class III	168	Lin. Ft.	\$ 116.17	\$ 19,516.56	\$ 35.00	\$ 5,880.00	\$ 40.00	\$ 6,720.00
13	0372000000-E		18" RC Pipe Culvert,Class III	88	Lin. Ft.	\$ 134.32	\$ 11,820.16	\$ 36.00	\$ 3,168.00	\$ 55.00	\$ 4,840.00
14	0708000000-E	310	15" CS Pipe Culvert, 0.064" Thick	88	Lin. Ft.	\$ 124.64	\$ 10,968.32	\$ 34.00	\$ 2,992.00	\$ 40.00	\$ 3,520.00
15	0806000000-E	1032	15" BCCS Pipe Elbow	2	Ea.	\$ 423.54	\$ 847.08	\$ 150.00	\$ 300.00	\$ 150.00	\$ 300.00
16	0950000000-E		Pipe Removal	40	Lin. Ft.	\$ 24.20	\$ 968.00	\$ 8.00	\$ 320.00	\$ 22.00	\$ 880.00
17	1220000000-E		Incidental Stone Base	100	Tons	\$ 24.20	\$ 2,420.00	\$ 28.00	\$ 2,800.00	\$ 45.00	\$ 4,500.00
18	1330000000-E		Incidental Milling	100	Sq. Yds.	\$ 25.33	\$ 2,533.00	\$ 48.00	\$ 4,800.00	\$ 41.30	\$ 4,130.00
19	1489000000-E	610	Asphalt Concrete Base	230	Tons	\$ 112.54	\$ 25,884.20	\$ 104.00	\$ 23,920.00	\$ 98.00	\$ 22,540.00
20	1498000000-E		Asphalt Concrete Intermediate	150	Tons	\$ 104.07	\$ 15,610.50	\$ 97.00	\$ 14,550.00	\$ 91.00	\$ 13,650.00
21	1519000000-E	610	Asphalt Concrete Surface	260	Tons	\$ 108.91	\$ 28,316.60	\$ 97.00	\$ 25,220.00	\$ 91.00	\$ 23,660.00
22	1560000000-E	620	Asphalt Binder for Plant Mix, PG 64-22	35	Tons	\$ 736.23	\$ 25,768.05	\$ 650.00	\$ 22,750.00	\$ 630.00	\$ 22,050.00
23	2286000000-N	840	Masonry Drainage Structure	8	Ea.	\$ 2,147.96	\$ 17,183.68	\$ 1,250.00	\$ 10,000.00	\$ 1,200.00	\$ 9,600.00
24	2354200000-N	840	Frame with Two Grates, Std 840.24	2	Ea.	\$ 399.34	\$ 798.68	\$ 500.00	\$ 1,000.00	\$ 850.00	\$ 1,700.00
25	2355000000-N	840	Frame with Two Grates, Std 840.29	6	Ea.	\$ 411.44	\$ 2,468.64	\$ 500.00	\$ 3,000.00	\$ 850.00	\$ 5,100.00
26	2566000000-E	846	Shoulder Berm & Gutter	45	Lin. Ft.	\$ 25.76	\$ 1,159.20	\$ 50.00	\$ 2,250.00	\$ 55.00	\$ 2,475.00
27	2570000000-E		Conc. Expressway Gutter	230	Lin. Ft.	\$ 32.47	\$ 7,468.10	\$ 30.00	\$ 6,900.00	\$ 26.00	\$ 5,980.00
28	3030000000-E	862	Steel BM Guardrail	187.5	Lin. Ft.	\$ 18.15	\$ 3,403.13	\$ 15.00	\$ 2,812.50	\$ 15.00	\$ 2,812.50
29	3045000000-E		SBGR Shop Curved	50	Lin. Ft.	\$ 24.20	\$ 1,210.00	\$ 20.00	\$ 1,000.00	\$ 20.00	\$ 1,000.00
30	3150000000-N		Addit Guardrail Posts	5	Ea.	\$ 48.40	\$ 242.00	\$ 40.00	\$ 200.00	\$ 40.00	\$ 200.00
31	3270000000-N	SP	Guardrail Anchor Unit, Type 350	4	Ea.	\$ 2,299.23	\$ 9,196.92	\$ 1,900.00	\$ 7,600.00	\$ 1,900.00	\$ 7,600.00
32	3317000000-N	862	Guardrail Anchor Unit, Type B-77	4	Ea.	\$ 1,754.67	\$ 7,018.68	\$ 1,450.00	\$ 5,800.00	\$ 1,450.00	\$ 5,800.00
33	3628000000-E		Rip Rap Class I	4	Tons	\$ 55.84	\$ 223.36	\$ 150.00	\$ 600.00	\$ 150.00	\$ 600.00
34	3649000000-E	876	Rip Rap, Class B	51	Tons	\$ 25.45	\$ 1,297.95	\$ 30.00	\$ 1,530.00	\$ 100.00	\$ 5,100.00
35	3656000000-E	876	Filter Fabric for Drainage	386	Sq. Yds.	\$ 3.19	\$ 1,231.34	\$ 4.00	\$ 1,544.00	\$ 5.00	\$ 1,930.00
36	4400000000-E	1110	Work Zone Signs (STAT)	192	SF	\$ 8.29	\$ 1,591.68	\$ 7.25	\$ 1,392.00	\$ 6.15	\$ 1,180.80
37	4405000000-E	1110	Work Zone Signs (Portable)	144	SF	\$ 10.47	\$ 1,507.68	\$ 9.15	\$ 1,317.60	\$ 25.00	\$ 3,600.00
38	4410000000-E	1110	Work Zone Signs (BAR)	132	SF	\$ 7.44	\$ 982.08	\$ 6.50	\$ 858.00	\$ 6.15	\$ 811.80
39	4430000000-N	1130	Drums	70	Ea.	\$ 15.00	\$ 1,050.00	\$ 30.00	\$ 2,100.00	\$ 45.00	\$ 3,150.00
40	4445000000-E	1145	Barricades (Type II)	88	Lin. Ft.	\$ 24.81	\$ 2,183.28	\$ 21.00	\$ 1,848.00	\$ 21.00	\$ 1,848.00
41	4455000000-N	1150	Flagger (By Day)	120	Day	\$ 178.57	\$ 21,428.40	\$ 200.00	\$ 24,000.00	\$ 145.00	\$ 17,400.00
42	4485000000-E		Port. Conc. Barrier	30	Lin. Ft.	\$ 55.00	\$ 1,650.00	\$ 50.00	\$ 1,500.00	\$ 65.00	\$ 1,950.00
43	4810000000-E	1205	Paint Pmnt. Markings(4")	8010	Lin. Ft.	\$ 0.42	\$ 3,364.20	\$ 0.45	\$ 3,604.50	\$ 0.35	\$ 2,803.50

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44	4835000000-E		Paint Pmnt. Markings Lines (24")	42	Lin. Ft.	\$ 4.24	\$ 178.08	\$ 231.00	\$ 5.50	\$ 4.00	\$ 168.00
45	4900000000-N		Perm Raised Pmnt. Markers	20	Ea.	\$ 18.15	\$ 363.00	\$ 153.00	\$ 7.65	\$ 35.00	\$ 700.00
46	6000000000-E	SP	Temporary Silt Fence	1480	Lin. Ft.	\$ 4.23	\$ 6,260.40	\$ 5,180.00	\$ 3.50	\$ 3.00	\$ 4,440.00
47	6006000000-E		Stone for Erosion Control, Class A	115	Tons	\$ 33.88	\$ 3,896.20	\$ 3,220.00	\$ 28.00	\$ 45.00	\$ 5,175.00
48	6009000000-E	1622	Stone for Erosion Control, Class B	180	Tons	\$ 33.88	\$ 6,098.40	\$ 5,040.00	\$ 28.00	\$ 45.00	\$ 8,100.00
49	6012000000-E	1610	Sediment Control Stone	100	Tons	\$ 32.67	\$ 3,267.00	\$ 2,800.00	\$ 28.00	\$ 45.00	\$ 4,500.00
50	6015000000-E		Temporary Mulching	1.5	Ac.	\$ 1,936.19	\$ 2,904.29	\$ 2,400.00	\$ 1,600.00	\$ 1,600.00	\$ 2,400.00
51	6018000000-E		Seed for Temp. Seeding	50	Lbs.	\$ 8.47	\$ 423.50	\$ 350.00	\$ 7.00	\$ 7.00	\$ 350.00
52	6021000000-E		Fert. for Temp. Seeding	0.25	Tons	\$ 3,630.36	\$ 907.59	\$ 750.00	\$ 3,000.00	\$ 3,000.00	\$ 750.00
53	6024000000-E	1622	Temporary Slope Drains	200	Lin. Ft.	\$ 19.36	\$ 3,872.00	\$ 2,000.00	\$ 10.00	\$ 15.00	\$ 3,000.00
54	6027000000-N	1622	Inlet Protection at Temporary Slope Drains	4	Ea.	\$ 211.77	\$ 847.08	\$ 300.00	\$ 75.00	\$ 150.00	\$ 600.00
55	6029000000-E	SP	Safety Fence	750	Lin. Ft.	\$ 1.25	\$ 937.50	\$ 3,000.00	\$ 4.00	\$ 4.00	\$ 3,000.00
56	6030000000-E	1630	Silt Excavation	265	Cu.Yds.	\$ 13.31	\$ 3,527.15	\$ 2,650.00	\$ 10.00	\$ 22.00	\$ 5,830.00
57	6036000000-E	1631	Matting for Erosion Control	3550	Sq.Yds.	\$ 2.36	\$ 8,378.00	\$ 6,922.50	\$ 1.95	\$ 1.60	\$ 5,680.00
58	6042000000-E	1632	1/4" Hardware Cloth	240	Lin. Ft.	\$ 3.07	\$ 736.80	\$ 960.00	\$ 4.00	\$ 3.00	\$ 720.00
59	6071010000-E	SP	Wattle	540	Lin. Ft.	\$ 7.26	\$ 3,920.40	\$ 3,240.00	\$ 6.00	\$ 7.00	\$ 3,780.00
60	6071020000-E	SP	Polyacrylamide (PAM)	135	Lbs.	\$ 16.94	\$ 2,286.90	\$ 1,080.00	\$ 8.00	\$ 11.00	\$ 1,485.00
61	6071030000-E	SP	Coir Fiber Baffles	65	Lin. Ft.	\$ 5.45	\$ 354.25	\$ 325.00	\$ 5.00	\$ 15.00	\$ 975.00
62	6084000000-E		Seeding & Mulching	5	Ac.	\$ 2,662.26	\$ 13,311.30	\$ 11,000.00	\$ 2,200.00	\$ 2,200.00	\$ 11,000.00
63	6087000000-E		Mowing	1	Ac.	\$ 605.06	\$ 605.06	\$ 1.00	\$ 1.00	\$ 500.00	\$ 500.00
64	6090000000-E		Seed for Repair Seeding	50	Lbs.	\$ 14.52	\$ 726.00	\$ 600.00	\$ 12.00	\$ 12.00	\$ 600.00
65	6093000000-E		Fert. for Repair Seeding	0.25	Tons	\$ 4,840.48	\$ 1,210.12	\$ 1,000.00	\$ 4,000.00	\$ 4,000.00	\$ 1,000.00
66	6096000000-E		Seed for Supp. Seeding	50	Lbs.	\$ 8.47	\$ 423.50	\$ 350.00	\$ 7.00	\$ 7.00	\$ 350.00
67	6108000000-E		Fert. Topdressing	0.75	Tons	\$ 2,420.24	\$ 1,815.18	\$ 1,500.00	\$ 2,000.00	\$ 2,000.00	\$ 1,500.00
68	6114000000-N		Specialized Hand Mowing	10	HR	\$ 22.32	\$ 223.20	\$ 650.00	\$ 65.00	\$ 65.00	\$ 650.00
69	6117000000-N		Response for Erosion Control	12	Ea.	\$ 310.00	\$ 3,720.00	\$ 3,600.00	\$ 300.00	\$ 300.00	\$ 3,600.00
70	6123000000-E		Reforestation	0.1	Ac.	\$ 3,630.36	\$ 363.04	\$ 300.00	\$ 3,000.00	\$ 3,000.00	\$ 300.00
71	8021000000-N	402	Removal Existing Str., Sta 12+80 +/-	1	L.S.	\$ 13,192.61	\$ 13,192.61	\$ 57,000.00	\$ 57,000.00	\$ 30,000.00	\$ 30,000.00
72	8084000000-N		Fnd. Exc. EB1 Sta 12+53.88	1	L.S.	\$ 6,445.54	\$ 6,445.54	\$ 10,000.00	\$ 10,000.00	\$ 15,000.00	\$ 15,000.00
73	8084000000-N		Fnd. Exc. EB2 Sta 13+06.13	1	L.S.	\$ 363.04	\$ 363.04	\$ 5,000.00	\$ 5,000.00	\$ 6,500.00	\$ 6,500.00
74	8121000000-N		Uncl Str. Exc. Sta 12+80.00 +/-	1	L.S.	\$ 5,082.50	\$ 5,082.50	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00
75	8210000000-N	422	Bridge Approach Slabs, Sta. 12+80	1	L.S.	\$ 18,461.69	\$ 18,461.69	\$ 21,000.00	\$ 21,000.00	\$ 30,000.00	\$ 30,000.00
76	8364000000-E	450	HP 12X53 Galvanized Steel Piles	675	Lin. Ft.	\$ 79.41	\$ 53,601.75	\$ 45,225.00	\$ 67.00	\$ 85.00	\$ 57,375.00
77	8391000000-N		Steel Pile Points	36	Ea.	\$ 95.89	\$ 3,452.04	\$ 3,204.00	\$ 89.00	\$ 150.00	\$ 5,400.00
78	8608000000-E	876	Rip Rap Class II (2'-0" Thick)	700	Tons	\$ 66.91	\$ 46,837.00	\$ 31,500.00	\$ 45.00	\$ 55.00	\$ 38,500.00
79	8622000000-E	876	Filter Fabric for Drainage	780	Sq. Yds.	\$ 2.42	\$ 1,887.60	\$ 3,510.00	\$ 4.50	\$ 4.00	\$ 3,120.00
80	8765000000-N	SP	Construction of Substructure	1	L.S.	\$ 61,545.67	\$ 61,545.67	\$ 150,000.00	\$ 150,000.00	\$ 223,245.90	\$ 223,245.90
81	8766000000-N	SP	Construction of Superstructure	1	L.S.	\$ 85,403.33	\$ 85,403.33	\$ 89,000.00	\$ 89,000.00	\$ 116,160.00	\$ 116,160.00
			Total				\$ 758,763.07	\$ 788,839.10			\$ 928,585.50